

## Special Issue

# Advances in Sensor Technology in Smart Ships and Offshore Facilities

### Message from the Guest Editors

In recent years, sensor technology on smart ships and offshore facilities has witnessed rapid development and innovative progress, which is of great significance for the autonomous navigation, remote control, human-machine, networked cooperation, and intelligent maintenance. For example, sensor technologies are used in machinery condition monitoring, structure health monitoring, exhaust emission control, ballast water discharge, vessel intelligent collision avoidance, ship handling, maritime communications, localization and object tracking, etc. This Special Issue aims to highlight the latest advances in marine sensor technology, including but not limited to original research and reviews in the scope of sensing mechanisms, structural design, system modeling and simulation, advanced fabrication techniques, detecting circuits, signal processing, reliability of sensors, sensor interfaces, and calibration methods. We look forward to receiving your papers.

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### Guest Editors

Prof. Dr. Hongpeng Zhang  
Dr. Xingming Zhang  
Dr. Lin Zeng

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### Deadline for manuscript submissions

closed (20 October 2023)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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## About the Journal

### Message from the Editor-in-Chief

*Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312)* focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).